

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012740

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12Q1/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, Sequence Search, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>VIRMANI A K ET AL: "Aberrant methylation during cervical carcinogenesis." CLINICAL CANCER RESEARCH : AN OFFICIAL JOURNAL OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH. MAR 2001, vol. 7, no. 3, March 2001 (2001-03), pages 584-589, XP002330531 ISSN: 1078-0432 cited in the application the whole document</p> <p>----- -/--</p>	<p>1,4-7, 12,13</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

7 June 2005

Date of mailing of the international search report

19-08-2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Botz, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/012740

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BADAL VINAY ET AL: "CpG methylation of human papillomavirus type 16 DNA in cervical cancer cell lines and in clinical specimens: Genomic hypomethylation correlates with carcinogenic progression." JOURNAL OF VIROLOGY, vol. 77, no. 11, June 2003 (2003-06), pages 6227-6234, XP002330532 ISSN: 0022-538X the whole document	1,4-6
X	NARAYAN GOPESHWAR ET AL: "Frequent promoter methylation of CDH1, DAPK, RARB, and HIC1 genes in carcinoma of cervix uteri: its relationship to clinical outcome." MOLECULAR CANCER [ELECTRONIC RESOURCE].., vol. 2, no. 1, 13 May 2003 (2003-05-13), pages 24.1-24.12, XP002330533 ISSN: 1476-4598 the whole document	1,4-7, 12,13
X	WO 02/24056 A (CASE WESTERN RESERVE UNIVERSITY; MARKOWITZ, SANFORD; GRADY, WILLIAM) 28 March 2002 (2002-03-28) the whole document	1,4-7, 12,13
X	LIN W MICHAEL ET AL: "Molecular Papanicolaou tests in the twenty-first century: Molecular analyses with fluid-based Papanicolaou technology" AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY, vol. 183, no. 1, July 2000 (2000-07), pages 39-45, XP008048085 ISSN: 0002-9378 the whole document	1,4-7, 12,13
P,X	FIEGL HEIDI ET AL: "Methylated DNA collected by tampons--a new tool to detect endometrial cancer." CANCER EPIDEMIOLOGY, BIOMARKERS & PREVENTION : A PUBLICATION OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, COSPONSORED BY THE AMERICAN SOCIETY OF PREVENTIVE ONCOLOGY. MAY 2004, vol. 13, no. 5, May 2004 (2004-05), pages 882-888, XP002330534 ISSN: 1055-9965 the whole document	1-13
P,X	WO 2004/087957 A (ONCOMETHYLOME SCIENCES S.A; REESINK-PETERS, N; VAN DER ZEE, ATE, G. J) 14 October 2004 (2004-10-14) the whole document	1,4-7, 12,13

-/--

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/012740

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE EMBL [Online] 11 January 2000 (2000-01-11), "Homo sapiens BAC clone RP11-259G7 from 4, complete sequence." XP002330537 retrieved from EBI accession no. EM HUM:AC020703 Database accession no. AC020703 the whole document	9-11
Y	----- KUZMIN IGOR ET AL: "Inactivation of RAS association domain family 1A gene in cervical carcinomas and the role of human papillomavirus infection." CANCER RESEARCH, vol. 63, no. 8, 15 April 2003 (2003-04-15), pages 1888-1893, XP002330535 ISSN: 0008-5472 the whole document	1-13
Y	----- ZOU HONGZHI ET AL: "Hypermethylation of Secreted-frizzled related protein genes occurs early during neoplastic progression in Barrett's esophagus." PROCEEDINGS OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH ANNUAL MEETING, vol. 44, July 2003 (2003-07), pages 1357-1358, XP001206624 & 94TH ANNUAL MEETING OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH; WASHINGTON, DC, USA; JULY 11-14, 2003 ISSN: 0197-016X the whole document -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/012740

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0224056	A	28-03-2002	AU 2432802 A	02-04-2002
			WO 0224056 A2	28-03-2002
			US 2005153351 A1	14-07-2005
			US 2003068620 A1	10-04-2003

WO 2004087957	A	14-10-2004	WO 2004087957 A2	14-10-2004
